

Title (en)

METHOD AND ARRANGEMENT FOR THE TREATMENT OF SHORT MESSAGES WITH DIRECTORY NUMBER PORTABILITY

Title (de)

VERFAHREN UND ANORDNUNG ZUR BEHANDLUNG VON KURZNACHRICHTEN BEI RUFNUMMERNPORTABILITÄT

Title (fr)

PROCEDE ET DISPOSITIF POUR TRAITER DES MESSAGES COURTS EN CAS DE CONSERVATION DU NUMERO D'APPEL

Publication

**EP 1518426 A1 20050330 (DE)**

Application

**EP 03761436 A 20030626**

Priority

- DE 0302136 W 20030626
- DE 10229208 A 20020628
- DE 10303161 A 20030127

Abstract (en)

[origin: US7526298B2] The invention concerns a procedure and a structure to handle short messages under phone number portability between multiple telecommunications networks, where the phone numbers do not permit an unambiguous linkage of the user to a specific telecommunication network and where several attempts at delivery of the short messages are normally required. In order to accelerate routing in subsequent attempts at delivery and to avoid unnecessary routing queries, the invention proposes that all or part of the parameters or data associated with the first attempt at delivery, particularly the target information, be preferably stored in the SMSC or the SMS-GMSC in order to be reused, at least in part, in subsequent attempts at delivery.

IPC 1-7

**H04Q 7/22**

IPC 8 full level

**H04Q 1/00** (2006.01); **H04W 40/00** (2009.01); **H04W 88/18** (2009.01); **H04W 4/12** (2009.01); **H04W 8/28** (2009.01)

CPC (source: EP US)

**H04W 88/184** (2013.01 - EP US); **H04W 4/12** (2013.01 - EP US); **H04W 8/28** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004004382 A1 20040108**; AT E313918 T1 20060115; AU 2003254615 A1 20040119; CA 2491014 A1 20040108; CA 2491014 C 20130604; DE 50302013 D1 20060126; EP 1518426 A1 20050330; EP 1518426 B1 20051221; ES 2255682 T3 20060701; PL 373340 A1 20050822; RU 2005102090 A 20050710; RU 2323546 C2 20080427; US 2005176448 A1 20050811; US 7526298 B2 20090428

DOCDB simple family (application)

**DE 0302136 W 20030626**; AT 03761436 T 20030626; AU 2003254615 A 20030626; CA 2491014 A 20030626; DE 50302013 T 20030626; EP 03761436 A 20030626; ES 03761436 T 20030626; PL 37334003 A 20030626; RU 2005102090 A 20030626; US 51889005 A 20050301